

Section 1. Registration Information

Source Identification

Facility Name:	Fertizona - Buckeye, LLC
Parent Company #1 Name:	
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	23-Sep-2010
Postmark Date:	23-Sep-2010
Next Due Date:	23-Sep-2015
Completeness Check Date:	23-Sep-2010
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0015 1159
Other EPA Systems Facility ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	21650189
Parent Company #1 DUNS:	
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	26705 West Baseline Road
Street 2:	
City:	Buckeye
State:	ARIZONA
ZIP:	85326
ZIP4:	
County:	MARICOPA

Facility Latitude and Longitude

Latitude (decimal):	33.366667
Longitude (decimal):	-112.583333
Lat/Long Method:	Interpolation - Map
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	24000

Owner or Operator

Operator Name:	Fertizona - Buckeye, LLC
Operator Phone:	(623) 386-4491

Mailing Address

Operator Street 1:	P.O. Box 1421
Operator Street 2:	
Operator City:	Buckeye
Operator State:	ARIZONA
Operator ZIP:	85326
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	James Compton
RMP Title of Person or Position:	President
RMP E-mail Address:	james@fertizona.com

Emergency Contact

Emergency Contact Name:	Tim Walsh
Emergency Contact Title:	Facility Manager
Emergency Contact Phone:	(623) 386-4491
Emergency Contact 24-Hour Phone:	(623) 764-0664
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	twalsh@fertizona.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	(623) 386-4491
Facility or Parent Company WWW Homepage Address:	www.fertizona.com

Local Emergency Planning Committee

LEPC:	Maricopa County LEPC
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Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	10
FTE Claimed as CBI:	

Covered By

OSHA PSM :	
EPCRA 302 :	Yes
CAA Title V:	
Air Operating Permit ID:	

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	05-Nov-2009
Last Safety Inspection Performed By an External Agency:	Az Department of Agriculture representing EPA

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:	Riverside Environmental Services, Inc.
Preparer Phone:	(928) 783-3803
Preparer Street 1:	4885 West Riverside Drive
Preparer Street 2:	
Preparer City:	Yuma
Preparer State:	ARIZONA
Preparer ZIP:	85364
Preparer ZIP4:	1012
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.
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Process Chemicals

Process ID:	1000020524
Description:	Ammonia
Process Chemical ID:	1000024329
Program Level:	Program Level 2 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Quantity (lbs):	149600
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000020524
Description:	Ammonia
Process Chemical ID:	1000024328
Program Level:	Program Level 2 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	309000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000020524
Process NAICS ID:	1000020886
Program Level:	Program Level 2 process
NAICS Code:	453998
NAICS Description:	All Other Miscellaneous Store Retailers (except Tobacco Stores)

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000016535

Percent Weight:

Physical State:

Model Used:

Release Duration (mins):

Wind Speed (m/sec):

Atmospheric Stability Class:

Topography:

Gas liquified by pressure

EPA's RMP*Comp(TM)

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1.5

F

Rural

Passive Mitigation Considered

Dikes:

Enclosures:

Berms:

Drains:

Sumps:

Other Type:

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000018044

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:
Enclosures:
Berms:
Drains:
Sumps:
Other Type:

Active Mitigation Considered

Sprinkler System:
Deluge System:
Water Curtain:
Neutralization:
Excess Flow Valve:
Flares:
Scrubbers:
Emergency Shutdown:
Other Type:

Toxic Alter ID: 1000018045

Percent Weight:	29.4
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:
Enclosures:
Berms: Yes
Drains:
Sumps:
Other Type:

Active Mitigation Considered

Sprinkler System:
Deluge System:
Water Curtain:
Neutralization:
Excess Flow Valve:
Flares:
Scrubbers:

Emergency Shutdown:

Other Type:

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Section 8. Program Level 2

Description:

Fertilzona has prepared a written Prevention Program applicable to Program 2 facilities and actively employs each component of this program at its facilities. The purpose of the Prevention Program is to minimize the risks of harm to workers, the surrounding community, and the environment resulting from the accidental release of ammonia. The Prevention Program addresses safety, hazard review, operating procedures, training, maintenance, compliance audits, and incident investigation. The Prevention Program is overseen and administered by a single person, who has management's delegated authority for its implementation at this Fertilzona facility.

Program Level 2 Prevention Program Chemicals

Prevention Program Chemical ID:	1000014456
Chemical Name:	Ammonia (conc 20% or greater)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Prevention Program Level 2 ID:	1000014129
NAICS Code:	453998

Prevention Program Chemical ID:	1000014455
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Prevention Program Level 2 ID:	1000014129
NAICS Code:	453998

Safety Information

Safety Review Date (The date of the most recent review or revision of the safety information):	09-Sep-2010
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Safety Compliance Regulations or Design Codes/Standards

NFPA 58 (or state law based on NFPA 58):	
OSHA (29 CFR 1910.111):	Yes
ASTM Standards:	
ANSI Standards:	Yes
ASME Standards:	Yes
None:	
Other Regulation, Design Code, or Standard:	
Comments:	

Hazard Review

Hazard Review Date (The date of completion of most recent review or update):	15-Sep-2010
Change Completion Date (The expected or actual date of completion of all changes resulting from the hazard review):	15-Jun-2011

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	
Earthquake:	Yes
Floods (Flood Plain):	Yes
Tornado:	Yes
Hurricanes:	
Other Major Hazard Identified:	human error, impacts, vandalism

Process Controls in Use

Vents:	
Relief Valves:	Yes
Check Valves:	
Scrubbers:	
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	
Interlocks:	
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	
Grounding Equipment:	
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	Yes
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	
Dikes:	
Fire Walls:	
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	
Neutralization:	
None:	Yes

Other Mitigation System in Use:

Monitoring/Detection Systems in Use

Process Area Detectors:

Perimeter Monitors:

None:

Yes

Other Monitoring/Detection System in Use:

Changes Since Last PHA or PHA Update

Reduction in Chemical Inventory:

Increase in Chemical Inventory:

Change Process Parameters:

Installation of Process Controls:

Installation of Process Detection Systems:

Installation of Perimeter Monitoring Systems:

Installation of Mitigation Systems:

None Recommended:

None:

Yes

Other Changes Since Last PHA or PHA Update:

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):

09-Sep-2010

Training

Training Review Date (The date of the most recent review or revision of training programs):

09-Sep-2010

The Type of Training Provided

Classroom:

Yes

On the Job:

Yes

Other Training:

The Type of Competency Testing Used

Written Tests:

Oral Tests:

Yes

Demonstration:

Yes

Observation:

Yes

Other Type of Competency Testing Used:

Maintenance

Maintenance Review Date (The date of the most recent review or revision of maintenance procedures):

09-Sep-2010

Equipment Inspection Date (The date of the most recent equipment inspection or test):

02-Sep-2010

Equipment Most Recently Inspected or Tested:

transfer hoses, storage tanks, nurse tanks, compressors, valves

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit): 29-Sep-2009

Audit Completion Date (The expected or actual date of completion of all changes resulting from the compliance audit):

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):

Incident Investigation Changes Date (Expected or actual date of completion of all changes resulting from the investigation):

Most Recent Change Date: (The date of the most recent change that triggered a review or revision of safety information):

Confidential Business Information

CBI Claimed:

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?): Yes

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?): Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan): 09-Sep-2010

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees): 15-Jun-2010

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Buckeye Rural Fire Department

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (623) 386-4411

Subject to

OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120:

Clean Water Regulations at 40 CFR 112:

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws: Yes

Other (Specify):

Executive Summary

The Fertizona - Buckeye, LLC (Buckeye, Arizona) facility's accidental release prevention policy involves a unified approach that integrates technologies, procedures, and management practices. All applicable procedures of the federal Program are adhered to. The Fertizona - Buckeye facility's emergency response policy involves the preparation of response plans which are tailored to the facility and to the emergency response services available in the community.

The Fertizona - Buckeye facility stores and blends liquid fertilizer for sale and application to farmland. The facility stores the following quantities of regulated substances:

• Anhydrous Ammonia - 285,000 pounds

• Aqueous Ammonia - 128,000 pounds

The general accidental release prevention program is based on the following key elements:

• High level of training of the operators.

• Preventative maintenance programs.

• Use of state-of-the-art process and safety equipment.

• Use of accurate and effective operating procedures, written with the participation of the operators.

• Performance of a process hazard analysis of equipment and procedures.

• Implementation of an auditing and inspection program.

There have been no reportable releases at the Fertizona - Buckeye facility in the past five years.

The Fertizona - Buckeye facility will fully implement the RMP and will initiate appropriate changes as needed to maintain a safe operation.